

AMENDMENTS TO THE CLAIMS

1-105. (Canceled)

106. (Previously presented) An isolated human Fc_ε receptor (Fc_εR) alpha chain protein, wherein a carbohydrate group of said Fc_εR alpha chain protein is conjugated to a detectable marker.

107. (Previously presented) The Fc_εR alpha chain protein of Claim 106, wherein said detectable marker is selected from the group consisting of a radioactive label, a fluorescent label, a chemiluminescent label, a chromophoric label and a ligand.

108. (Previously presented) The Fc_εR alpha chain protein of Claim 106, wherein said detectable marker is selected from the group consisting of fluorescein, a radioisotope, a phosphatase, biotin, biotin-related compounds, avidin, avidin-related compounds and a peroxidase.

109. (Previously presented) The Fc_εR alpha chain protein of Claim 106, wherein said Fc_εR alpha chain protein is encoded by a nucleic acid molecule selected from the group consisting of a nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:4, SEQ ID NO:7, SEQ ID NO:10 and SEQ ID NO:12.

110. (Previously presented) The Fc_εR alpha chain protein of Claim 106, wherein said Fc_εR alpha chain protein comprises an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:6, SEQ ID NO:11, and SEQ ID NO:13.

111. (Previously presented) An isolated human Fc_ε receptor (Fc_εR) alpha chain protein, wherein a carbohydrate group of said Fc_εR alpha chain protein is conjugated to biotin.

112. (Previously presented) The Fc_εR alpha chain protein of Claim 111, wherein said Fc_εR alpha chain protein is encoded by a nucleic acid molecule selected from the group consisting of a nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:4, SEQ ID NO:7, SEQ ID NO:10 and SEQ ID NO:12.

113. (Previously presented) The Fc_εR alpha chain protein of Claim 111, wherein said Fc_εR alpha chain protein comprises an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:6, SEQ ID NO:11, and SEQ ID NO:13.

114. (Previously presented) An isolated human Fc_ε receptor (Fc_εR) alpha chain protein, wherein a carbohydrate group of said Fc_εR alpha chain protein is conjugated to biotin, said

protein comprising an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:6, SEQ ID NO:11, and SEQ ID NO:13.

115. (Previously presented) The Fc ϵ R alpha chain protein of Claim 114, wherein said Fc ϵ R alpha chain protein is encoded by a nucleic acid molecule selected from the group consisting of a nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:4, SEQ ID NO:7, SEQ ID NO:10 and SEQ ID NO:12.